

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-318398

(43)Date of publication of application : 31.10.2002

(51)Int.Cl.

G02F 1/313

(21)Application number : 2001-332169

(71)Applicant : FUJITSU LTD

(22)Date of filing : 30.10.2001

(72)Inventor : KATO MASAYUKI

SUGAMA AKIO

TSUKAMOTO KOJI

ISHII MASATOSHI

YOKOUCHI KISHIO

YAMAGISHI YASUO

NISHIZAWA MOTOTOSHI

AOKI TAKESHI

(30)Priority

Priority number : 2001040006 Priority date : 16.02.2001 Priority country : JP

(54) LIGHT DEFLECTING ELEMENT, OPTICAL SWITCHING MODULE, OPTICAL SIGNAL CHANGEOVER DEVICE AND OPTICAL WIRING SUBSTRATE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical switching module which is smaller than the conventional one, and to provide an optical signal changeover device constructed by using the optical switching module and an optical wiring substrate provided with a reflecting mirror whose loss is small and that is manufactured easily.

SOLUTION: In this device, a prism pair is used as light deflecting elements 103p, 105p. The prism pair 103p, 105p are constituted of a slab type waveguide and the first and second upper part electrodes and the first and second lower part electrodes which are arranged respectively on the upper and lower sides of the slab type waveguide. Moreover, these electrodes are formed in wedge shape (for example,

